



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105

MAY 11 2017

Mr. Ken Stroud, Chief
Air Quality Surveillance Branch
Monitoring and Laboratory Division
California Air Resources Board
1001 I Street, 6th Floor
Sacramento, California 95814

Dear Mr. Stroud:

This letter provides the U.S. Environmental Protection Agency's (EPA's) review and approval for California Air Resources Board's (CARB's) discontinuation of the NO₂ and CO State or Local Air Monitoring Station (SLAMS) monitors at the CARB-operated Santa Barbara-National Guard monitoring station (AQS ID: 06-083-0011). On March 10, 2017, CARB sent a letter to EPA with a description of this network change. Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the discontinuation of SLAMS monitors.

Discontinuation of the CO monitor was reviewed by EPA against criteria contained in 40 CFR 58.14(c)(1). According to data submitted to EPA's Air Quality System (AQS), the Santa Barbara-National Guard site was in attainment of the CO National Ambient Air Quality Standards (NAAQS) from 2012 through 2016. Based on these five design values, there is a less than 10 percent probability of exceeding 80 percent of the CO 1-hour and 8-hour NAAQS during the next three years at this site. These monitors are not specifically required by an attainment or maintenance plan, and they are not the last monitors in a nonattainment or maintenance area. Furthermore, discontinuance of these monitors will not prevent CARB from meeting 40 CFR 58 Appendix D requirements. Five additional CO monitors located in Santa Barbara County reported data to AQS in 2016. Based on this analysis, EPA approves discontinuation of the Santa Barbara-National Guard CO monitor.

Under 40 CFR 58.14(c), requests for closures may be approved on a case-by-case basis as long as the discontinuance does not compromise data collection for implementation of the NAAQS and the requirements of 40 CFR 58 Appendix D continue to be met. Discontinuation of the NO₂ monitor was reviewed according to these provisions.

In 2013, Santa Barbara-National Guard had only three complete quarters of 1-hour NO₂ data, resulting in incomplete 1-hour NO₂ design values for 2013, 2014, and 2015. All other years from 2011 through 2016 have four complete quarters of data. The valid 2011, 2012, and 2016 1-hr NO₂ design values were 42, 43, and 39 parts per billion (ppb), respectively. Over this six-year period, the maximum 1-hour value measured at the site was 52.1 ppb, well below the 100 ppb NAAQS. The annual NO₂ design values is also well below the 53 ppb annual NAAQS, with valid 2011 to 2015 design values between 8 to 10 ppb, passing the 40 CFR 58.14(c)(1) criteria for the annual NO₂ NAAQS. Ten additional NO₂ monitors located in Santa Barbara County reported data to AQS in 2016. Based on this analysis, EPA approves

discontinuation of the Santa Barbara-National Guard NO₂ monitor.

In summary, discontinuance of the CO and NO₂ monitors at Santa Barbara-National Guard would not compromise data collection needed for implementation of a NAAQS, and the requirements of Appendix D would continue to be met. EPA therefore approves discontinuation of the CO and NO₂ monitoring at Santa Barbara-National Guard.

If you have any questions, please contact me at (415) 972-3372 or Gwen Yoshimura of my staff at (415) 947-4134. Thank you for your continued attention to detail and thorough data analyses.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Flagg', with a stylized, cursive flourish at the end.

Michael Flagg
Acting Manager, Air Quality Analysis Office

cc (via email): Gayle Sweigert, CARB

Joel Cordes, Santa Barbara County Air Pollution Control District